## PART & FEE(S) TRANSMITTAL

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SUGHRUE MION, PLLC 2100 PENNSYLVANIA AVENUE, NW SUITE 800 WASHINGTON, DC 20037 Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

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| APPLICATION NO.   |                 | FILING       | G DATE         | FIRS           | T NAMED IN             | NAMED INVENTOR  |  |                          | DOCKET NO.                        | CONFIRMATION NO. |                   |  |  |
|---|-----------------|--------------|----------------|----------------|------------------------|---|--|--------------------------|-----------------------------------|------------------|-------------------|--|--|
| 10/520,467  |                 | 01/07/2005   |                | Hideaki IURA   |                        | <del>-</del>  | Q85  | 637                      | 5624                              |                  |                   |  |  |
| TITLE OF INVENTION: AC GENERATOR SENSOR-LESS VECTOR CONTROL METHOD AND CONTROL DEVICE THEREOF   |                 |              |                |                |                        |   |  |                          |                                   |                  |                   |  |  |
| APPLN. TYPE   | SMALL<br>ENTITY |              | ISSUE FEE      |                | PUBLICAT<br>FEE        | ION P   | PREV. PAID ISSUE FEE                                   |                          | TOTAL FEI                         | E(S)             | S) DATE DUE       |  |  |
| nonprovisional  | NO              |              | \$144          | 0.00           | \$300.00               |   | \$0.00   |                          | \$1,740.00                        | )                | 08/07/2008        |  |  |
| EXAMINER  |                 |              |                |                | ART UNIT               |   | CLASS-SUBCLASS   |                          |                                   |                  |                   |  |  |
| 1   |                 |              | 2613           |                |                        |   |  |                          |                                   |                  |                   |  |  |
| 1 Change of correspon   | dence add       | ress or indi | ication of "Fe | e Address"     | (37 CFR 1.363          | 2. For pr   | inting on  | the patent front         | page list 1                       | Sughrue N        | Mion, PLLC        |  |  |
| Change of correspondence address or indication of "Fee Address" (37 CFR 1.363     □ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  |                 |              |                |                |                        |   |  |                          |                                   |                  |                   |  |  |
| □ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) ATTACHED. Use of a Customer Number is required.   |                 |              |                |                |                        | (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or   |  |                          |                                   |                  |                   |  |  |
|   |                 |              |                |                |                        |   | agents. If no name is listed, no name will be printed. |                          |                                   |                  |                   |  |  |
| 3. ASSIGNEE NAME  | AND RE          | SIDENCE      | DATA TO E      | BE PRINTEI     | ON THE PAT             |   | t or type  | )                        |                                   | -                |                   |  |  |
| PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. |                 |              |                |                |                        |   |  |                          |                                   |                  |                   |  |  |
| (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)   |                 |              |                |                |                        |   |  |                          |                                   |                  |                   |  |  |
| KABUSHIKI KAISHA  | A YASKA         | WA DEN       | KI .           | ٦              | Γokyo, Japan           |   |  |                          |                                   |                  |                   |  |  |
| Please check the anno   | nriate acci     | anee catea   | ory or catego  | ories (will no | at he printed on t     | the natent).  | ·□ Indiv   | idual 🗹 Comora           | tion or other priva               | ate group entit  | v □ Government    |  |  |
| Please check the appropriate assignee category or categories (will not be printed or  4a. The following fee(s) are submitted:  4b. Paym   |                 |              |                |                |                        |   |  |                          | ny previously pa                  |                  |                   |  |  |
| ☑ Issue Fee   |                 |              |                | •              | ☐ A check is enclosed. |   |  |                          |                                   |                  |                   |  |  |
| ☑ Publication Fee (No small entity discount permitted)  |                 |              |                |                | ☐ Paymen               | ☐ Payment by credit card. Form 1310-2038 is attached.   |  |                          |                                   |                  |                   |  |  |
| ☐ Advance Order - # of Copies   |                 |              |                |                |                        | ☑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 19-4880 (enclose an extra copy of this form). |  |                          |                                   |                  |                   |  |  |
|   |                 |              |                |                |                        | ☑ The USPTO is directed and authorized to charge all required fees to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.                       |  |                          |                                   |                  |                   |  |  |
| 5. Change in Entity Sta   | atus (from      | status indi  | cated above)   |                |                        |   |  |                          |                                   |                  |                   |  |  |
| a. Applicant claims   | SMALL I         | ENTITY st    | atus. See 37   | CFR 1.27.      | ☐ b. Appl:             | icant is no   | longer cl  | aiming SMALL             | ENTITY status. S                  | See 37 CFR 1.    | 27(g)(2).         |  |  |
| The Director of the US  | PTO is rea      | quested to   | apply the Issu | ie Fee and P   | ublication Fee (i      | if any) or to   | re-appl  | y any previously         | paid issue fee to t               | he application   | identified above. |  |  |
| NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.               |                 |              |                |                |                        |   |  |                          |                                   |                  |                   |  |  |
| Authorized Signature  | <del>-</del>    |              | /Chidambara    | m.S.lyer/      |                        | Date  |  | 08/06/2008               | мание <u>ре<sup>див</sup>ий</u> е | 19488            | <u> 10520467</u>  |  |  |
| Typed or Printed Nam  | e               | (            | Chid S. Iyer   |                |                        | Registrat   | tion No.   | 01 FC:1501<br>02 FC:1504 | 1446.00<br>300.00                 | DA<br>DA         |                   |  |  |
| Modified PTOL-85 (R   | ev. 08/07)      | Approved     | for use thro   | ugh 08/31/20   | 010.                   |   |  |                          |                                   | <del></del>      |                   |  |  |

## PART #3 FEE(S) TRANSMITTAL

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Modified PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

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| APPLICATION N   | O. FILING   | FILING DATE FIRS |                            | T NAMED INVENTOR  |  |                      | ATTORNEY D                       | OCKET NO.           | CONFIRMATION NO. |                  |  |  |
|---|---|------------------|----------------------------|---|--|----------------------|----------------------------------|---------------------|------------------|------------------|--|--|
| 10/520,467  |   | 01/07/2005       |                            | Hideaki IURA  |  | •                    | Q856                             | 5624                |                  |                  |  |  |
| TITLE OF INVENTIO   | N: AC GENERATO  | OR SENSOR-       | LESS VEC                   | CTOR CONTRO   | OL MET   | HOD AN               | D CONTROL DEV                    | /ICE THEREOF        |                  |                  |  |  |
| APPLN. TYPE   | SMALL<br>ENTITY   | ISSUE            | FEE                        | PUBLICATION<br>FEE  |  | PREV. PAID ISSUE FEE |                                  | TOTAL FEE<br>DUE    | (S) D            | DATE DUE         |  |  |
| nonprovisional  | NO  | NO \$1440.00     |                            | \$300.00  |  | \$0.00               |                                  | \$1,740.00          | 0                | 8/07/2008        |  |  |
| EXAMINER  |   |                  |                            | ART UNIT  |  | CLASS-SUBCLASS       |                                  |                     |                  |                  |  |  |
| 1   | Erick David GLASS   |                  |                            | 2613  |  |                      |                                  |                     |                  |                  |  |  |
| 1. Change of correspon  | dence address or indi   | cation of "Fee   | Address" (                 | 37 CFR 1.363  | 2. For   | printing o           | n the patent front p             | age list 1          | Sughrue Mic      | on, PLLC         |  |  |
| ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  |   |                  |                            |   | (1) th   |                      | •                                |                     |                  |                  |  |  |
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| 3. ASSIGNEE NAME  | AND RESIDENCE   | DATA TO BI       | E PRINTEI                  | ON THE PAT  |  |                      | e)                               |                     |                  |                  |  |  |
| PLEASE NOTE: Unle recordation as set forth  | ss an assignee is ide<br>in 37 CFR 3.11. Co   | ntified below,   | no assigne<br>is form is N | e data will appe<br>IOT a substitute  | ar on the  | ie patent. I         | If an assignee is ide<br>gnment. | entified below, th  | e document has   | s been filed for |  |  |
| (A) NAME OF ASSIG   | NEE (B) RESI  | DENCE: (CIT      | Y and STA                  | TE OR COUN  | TRY)   |                      |                                  |                     |                  |                  |  |  |
| KABUSHIKI KAISHA  | A YASKAWA DENI  | CI               | Т                          | okyo, Japan   |  |                      |                                  |                     |                  |                  |  |  |
| Please check the appro  | priate assignee categ   | ory or categor   | ies (will no               | t be printed on t   | the pater  | nt): 🗖 Indi          | ividual 🗹 Corporati              | on or other priva   | e group entity ( | ☐ Government     |  |  |
| 4a. The following fee(s   | 4a. The following fee(s) are submitted:   |                  |                            |   | 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above |                      |                                  |                     |                  |                  |  |  |
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| 5. Change in Entity Sta   | itus (from status indi  | cated above)     |                            |   |  |                      |                                  | •                   |                  |                  |  |  |
| a. Applicant claims   | SMALL ENTITY sta  | atus. See 37 C   | FR 1.27.                   | 🗆 b. Appli  | icant is r   | no longer (          | claiming SMALL E                 | NTITY status. Se    | e 37 CFR 1.27    | (g)(2).          |  |  |
| The Director of the US  | PTO is requested to a   | pply the Issue   | Fee and P                  | ublication Fee (i   | fany) o  | r to re-app          | ly any previously p              | aid issue fee to th | e application id | entified above.  |  |  |
| NOTE: The Issue Fee a party in interest as sho  |   |                  |                            |   |  | her than th          | ne applicant; a regis            | tered attorney or   | agent; or the as | signee or other  |  |  |
| Authorized Signature  | /Chidambaram.S.lyer/  |                  |                            |   | Date   |                      | August                           |                     | 5, 2008          |                  |  |  |
| Typed or Printed Name   | е (   | Chid S. Iyer     | /er                        |   |  | Registration No.     |                                  |                     | 43,355           |                  |  |  |